

(19)



Europäisches Patentamt

European Patent Office

Office de brevets



(11)

EP 0 680 190 A3

(12)

EUROPEAN PATENT APPLICATION

(88) Date of publication A3:
27.03.1996 Bulletin 1996/13

(51) Int Cl.⁶: H04M 3/56

(43) Date of publication A2:
02.11.1995 Bulletin 1995/44

(21) Application number: 95302577.2

(22) Date of filing: 19.04.1995

(84) Designated Contracting States:
DE FR GB NL

(30) Priority: 29.04.1994 US 236790

(71) Applicant: AT&T Corp.
New York, NY 10013-2412 (US)

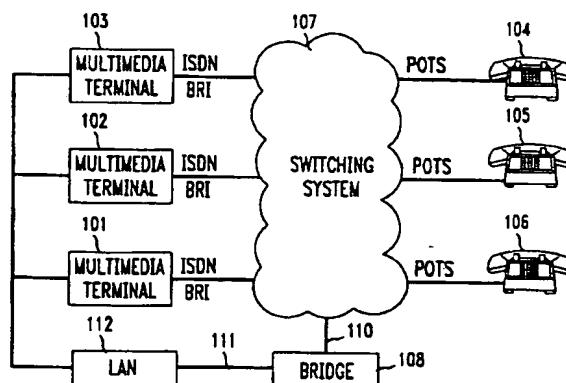
(72) Inventor: Horn, David N.
Rumson, New Jersey 07760 (US)

(74) Representative:
Buckley, Christopher Simon Thirsk
AT&T (UK) LTD.,
AT&T Intellectual Property Division,
5 Mornington Road
Woodford Green, Essex IG8 0TU (GB)

(54) A teleconferencing audio bridge

(57) An arrangement for a teleconferencing bridge (108) allows one or more users (101-106) to control at least one characteristic of at least some of the input signals received by the bridge, such that the output signals received by each user in a teleconference is a user-controlled combination of all the input signals, including the changed input signals. The arrangement allows a rich set of audio bridging features to be provided cost-effectively. Those features include subconferencing, monitoring, whispering, muting, complex gain control, and pseudo stereo.

FIG. 1



EP 0 680 190 A3

BEST AVAILABLE COPY



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 95 30 2577

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
X	US-A-4 558 180 (SCORDO) * column 30, line 64 - column 32, line 30 * abstract *	1-22	H04M3/56
A	US-A-4 730 306 (UCHIDA) * column 6, line 9 - line 45 *	1-22	
A	IEEE GLOBAL TELECOMMUNICATIONS CONFERENCE-GLOBECOM 83, vol. 1, 28 November 1983 - 1 December 1983 SAN DIEGO (US), pages 548-553, LAWRENCE BARANYAI 'DIGITAL MULTIPOINT TELECONFERENCING FOR SPECIAL SERVICE CIRCUITS' * paragraph 3.4 *	1-22	
P,X	SUPERCOMM ICC 94, 1 - 5 May 1994 NEW ORLEANS (US), pages 1754-1762, XP 000438793 DAVID N. HORN ET AL 'A VERSATILE AUDIO BRIDGE FOR MULTIMEDIA CONFERENCING' * the whole document *	1-22	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			H04M H04L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 January 1996	Examiner Vandevenne, M
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

EPO FORM 1503 (01.92) (P04C01)